

## ABSTRACT OF THE DISCLOSURE

A livestock cooling system creates an environment for protecting the health and productivity of animals, particularly dairy cows. One or more cooling fans are connected to programmable oscillation means, enabling the herds man to program fan oscillation according to the location of the livestock. Water is injected under high pressure into the air stream of the fans to create a fog. The system is also programmable according to various environmental conditions, including temperature, humidity, and wind velocity. The pressure and volume of the injected water are programmable and may be adjusted by the controller according to the observed environmental conditions. The disclosed system provides a cool and healthy environment for livestock, where the environment is programmed to track the animals according to the time of day, location of the animals and the location of shade.